Respected teachers and my dear classmates. Today I would like to speak a few words on – ‘**Computer’**.

Computer is considered as one of the best inventions in human history, and it changes our daily lifes very much.

WHAT IS COMPUTER?

* The word is derived from ‘compute’, which means to calculate.
* A Computer is an electronic device that can perform a variety of tasks by executing a given set of instructions.
* It is a versatile and can handle multiple tasks like documentation, accounting, designing, airlines, railways and other bookings, weather forecasting and many more.
* The acronym for COMPUTER is Common Oriented Machine Particularly Used for Trade and Education Research.

ORGANIZATION OF COMPUTER SYSTEM

The computer system is a combination of many parts such as peripheral devices, secondary memory, CPU ...

The salient points about the above figure displaying Computer System Organisation is −

* The I/O devices and the CPU both execute concurrently. Some of the processes are scheduled for the CPU and at the same time, some are undergoing input/output operations.
* There are multiple device controllers, each in charge of a particular device such as keyboard, mouse, printer etc.
* There is buffer available for each of the devices. The input and output data can be stored in these buffers.
* The data is moved from memory to the respective device buffers by the CPU for I/O operations and then this data is moved back from the buffers to memory.
* The device controllers use an interrupt to inform the CPU that I/O operation is completed.

ADVANTAGES AND DISAVANTAGES

It has many advantages.

Offices, schools, hospitals, governmental organizations, and non- governmental organizations, all are incomplete without it. Our work whether its school homework or office work or mother’s household work, all is dependent on the computer.

It has various uses. The medical field uses a computer to diagnose diseases. So far, they are able to find a cure for various diseases due to this computer. Even in the field of research, computers have brought a lot of changes. Whether its scientific research, social research, or space research, computers have helped in all of them. They have helped to keep a check on the environment, society, and space.

Computers have also contributed to the most important sector of a country defense. It helps the country’s security agencies to detect a threat that can be harmful in the future.

A computer has many advantages, as I mentioned earlier but there is nothing in this world which has no disadvantages. Even computer which has become so important for us has disadvantaged such as hackers can steal the data and release it on the internet. Anyone can access this data.

Apart from this threat, there are other threats too. Such as threats like viruses, spams, bugs... It has become an addiction too for many people. Even students spend a lot of their time sitting in front of computer screen playing games and watching movies.

We need to remind ourselves that excess of everything is bad. We should try and limit its use as it’s excessive use can be harmful to our eyes, back, brain and can lead to various problems too.

In the end, I would like to add that it is a boon and we can stop it to become bane if we use it cautiously. Thank you for lending me your ears.